

Chapter 21

DTD for System Process Response Tags

This chapter contains the document type definition (DTD) called `junos-process.dtd`, which lists the tags returned by the JUNOScript server to describe system processes (the information returned by the `show system processes` CLI command). The associated XML namespace is `http://xml.juniper.net/junos/5.6R1/junos-process`. To review reference pages for the tags, see “Summary of System Process Response Tags” on page 393.

```
<!-- Copyright (c) 2000-2002, Juniper Networks, Inc. -->
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<!-- junos-process.dtd -->

<!ELEMENT address (#PCDATA)>

<!ELEMENT advisory-lock EMPTY>

<!ELEMENT argument (#PCDATA)>

<!ELEMENT argument-index (#PCDATA)>

<!ELEMENT block-input-operation (#PCDATA)>

<!ELEMENT block-output-operation (#PCDATA)>

<!ELEMENT command (#PCDATA)>

<!ELEMENT command-line-argument (argument-index | argument)*>

<!ELEMENT command-line-argument-list (command-line-argument)*>

<!ELEMENT controlling-terminal EMPTY>

<!ELEMENT cpu-load (#PCDATA)>

<!ELEMENT data-size (#PCDATA)>
<!ATTLIST data-size junos:pages CDATA #IMPLIED>

<!ELEMENT debug-trace EMPTY>

<!ELEMENT debug-wait EMPTY>

<!ELEMENT exec EMPTY>

<!ELEMENT exiting EMPTY>

<!ELEMENT in-memory EMPTY>

<!ELEMENT interruptible EMPTY>
```

```
•          <!ELEMENT involuntary-context-switch (#PCDATA)>
•
•          <!ELEMENT login-id (#PCDATA)>
•
•          <!ELEMENT maximum-resident-set (#PCDATA)>
•
•          <!ELEMENT memory-load (#PCDATA)>
•
•          <!ELEMENT memory-page-size (#PCDATA)>
•
•          <!ELEMENT memory-statistics (memory-load | virtual-size | resident-set-size | resident-set-before-swap |
text-size | data-size | stack-size)*>
•
•          <!ELEMENT messages-received (#PCDATA)>
•
•          <!ELEMENT messages-sent (#PCDATA)>
•
•          <!ELEMENT nice (#PCDATA)>
•
•          <!ELEMENT page-faults (#PCDATA)>
•
•          <!ELEMENT page-reclaims (#PCDATA)>
•
•          <!ELEMENT parent-process-id (#PCDATA)>
•
•          <!ELEMENT physical-memory-pages (#PCDATA)>
•
•          <!ELEMENT priority (#PCDATA)>
•
•          <!ELEMENT process (process-id | login-id | start-time | parent-process-id | process-group-id | command |
command-line-argument-list | terminal-device | priority | nice | process-status | process-flags |
sleep-information | resource-usage | memory-statistics)*>
•
•          <!ELEMENT process-flags (interruptible | advisory-lock | controlling-terminal | in-memory | wait-child |
profiling | select | set-id-privileges | system-process | timing-out | debug-trace | debug-wait | exiting |
exec)*>
•
•          <!ELEMENT process-group-id (#PCDATA)>
•
•          <!ELEMENT process-id (#PCDATA)>
•
•          <!ELEMENT process-information (scale-information | process)*>
•
•          <!ELEMENT process-status (#PCDATA)>
•
•          <!ELEMENT profiling EMPTY>
•
•          <!ELEMENT reason (#PCDATA)>
•
•          <!ELEMENT resident-set-before-swap (#PCDATA)>
<!ATTLIST resident-set-before-swap junos:pages CDATA #IMPLIED>
•
•          <!ELEMENT resident-set-size (#PCDATA)>
<!ATTLIST resident-set-size junos:pages CDATA #IMPLIED>
•
•          <!ELEMENT resource-usage (cpu-load | user-time | system-time | maximum-resident-set | page-reclaims |
page-faults | swaps | block-input-operation | block-output-operation | messages-sent |
messages-received | signals | voluntary-context-switch | involuntary-context-switch)*>
•
•          <!ELEMENT scale-information (memory-page-size | physical-memory-pages)*>
•
•          <!ELEMENT select EMPTY>
•
```

```
<!ELEMENT set-id-privileges EMPTY>
...
<!ELEMENT signals (#PCDATA)>
...
<!ELEMENT sleep-information (reason | address)*>
...
<!ELEMENT stack-size (#PCDATA)>
<!ATTLIST stack-size junos:pages CDATA #IMPLIED>
...
<!ELEMENT start-time (#PCDATA)>
<!ATTLIST start-time junos:seconds CDATA #IMPLIED>
...
<!ELEMENT swaps (#PCDATA)>
...
<!ELEMENT system-process EMPTY>
...
<!ELEMENT system-time (#PCDATA)>
<!ATTLIST system-time junos:seconds CDATA #IMPLIED>
<!ATTLIST system-time junos:microseconds CDATA #IMPLIED>
...
<!ELEMENT terminal-device (#PCDATA)>
...
<!ELEMENT text-size (#PCDATA)>
<!ATTLIST text-size junos:pages CDATA #IMPLIED>
...
<!ELEMENT timing-out EMPTY>
...
<!ELEMENT user-time (#PCDATA)>
<!ATTLIST user-time junos:seconds CDATA #IMPLIED>
<!ATTLIST user-time junos:microseconds CDATA #IMPLIED>
...
<!ELEMENT virtual-size (#PCDATA)>
...
<!ELEMENT voluntary-context-switch (#PCDATA)>
...
<!ELEMENT wait-child EMPTY>
...
```

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